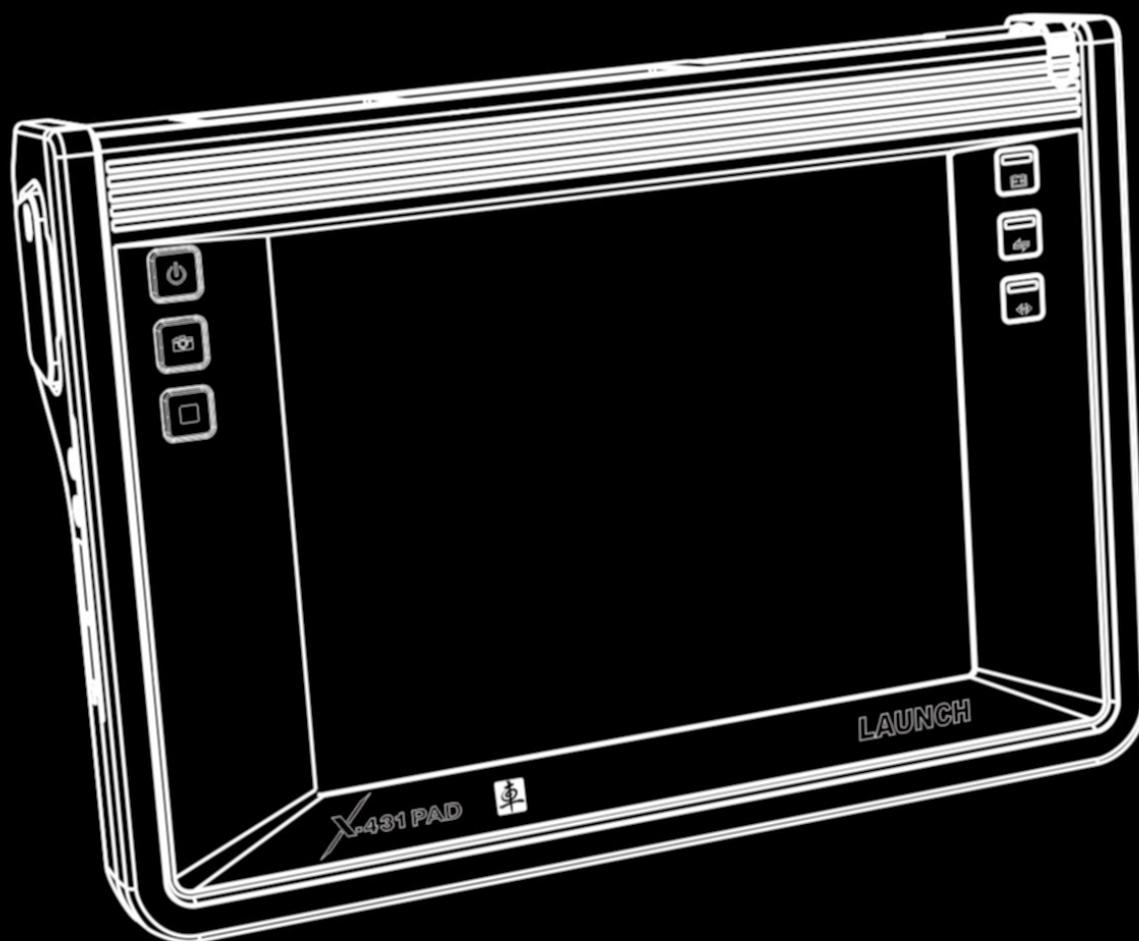




X-431 PAD

Auto Diagnostic Computer

Spare Parts Manual



LAUNCH

www.dbscar.com
www.cnlaunch.com

Version: V1.00.000
Revised Date: 2012-11-30

Copyright Information

Copyright © 2012 by LAUNCH TECH. CO., LTD. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of LAUNCH. The information contained herein is compiled only for the use of LAUNCH branch companies/dealers/marketing personnel/after-sales service personnel. LAUNCH is not responsible for any use of this information as applied to other units.

Neither LAUNCH nor its affiliates shall be liable to the purchaser of this unit or third parties for damages, losses, costs, or expenses incurred by purchaser or third parties as a result of: accident, misuse, or abuse of this unit, or unauthorized modifications, repairs, or alterations to this unit, or failure to strictly comply with LAUNCH operating and maintenance instructions. LAUNCH shall not be liable for any damages or problems arising from the use of any options or any consumable products other than those designated as Original LAUNCH Products or LAUNCH Approved Products.

Trademark Information

EN

LAUNCH is a registered trademark of LAUNCH TECH CO., LTD. (also called LAUNCH for short) in China and other countries. All other LAUNCH trademarks, service marks, domain names, logos, and company names referred to in this manual are either trademarks, registered trademarks, service marks, domain names, logos, company names of or are otherwise the property of LAUNCH or its affiliates. In countries where any of the LAUNCH trademarks, service marks, domain names, logos and company names are not registered, LAUNCH claims other rights associated with unregistered trademarks, service marks, domain names, logos, and company names. Other products or company names referred to in this manual may be trademarks of their respective owners. You may not use any trademarks, service marks, domain names, logos, or company names of LAUNCH or any third party without permission from the owner of the applicable trademarks, service marks, domain names, logos, or company names. You may contact LAUNCH by visiting the website at www.cnlaunch.com, or writing to LAUNCH TECH. CO., LTD., Launch Industrial Park, North of Wuhe Rd., Banxuegang, Longgang, Shenzhen, Guangdong, P. R. China, to request written permission to use Materials on this manual for purposes or for all other questions relating to this manual.

General Notice

Other product names used herein are for identification purposes only and may be trademarks of their respective owners. LAUNCH disclaims any and all rights in those marks.

There is a possibility that this unit is inapplicable to some of the vehicle models or systems listed in the diagnostic section due to different countries, areas, and/or years. Do not hesitate to contact LAUNCH if you come across such questions. We are to help you solve the problem as soon as possible.

Table of Contents

1. Brief Introduction	1
2. X-431 PAD Configuration Components	1
3. X-431 PAD Main Unit Parts	4

1. Brief Introduction

This manual mainly introduces X-431 PAD configuration assembly, main unit parts list and connector parts list which include the items of ERP Code, Name, Qty. and Picture. The manual is provided only for LAUNCH agencies and dealers in order to enable them correctly deal with the management affairs about sales, after-sales service and product parts, etc.

2. X-431 PAD Configuration Components

Table 2-1 shown as below contains a detailed list of X-431 PAD configuration assembly.

No.	ERP Code	Name	Qty.	Picture
1	201024815	X-431 PAD main unit	1	
2	201024811	DBScar diagnostic connector	1	
3	105020991	USB cable for connecting X-431 PAD and DBScar diagnostic connector	1	
4	Y203010242	Cigarette light cable	1	
5	102210101	Power adaptor	1	
6	104010885	Stylus	1	
7	105020988	OBD II extension cable	1	
8	199010001	Thermal printing paper	1	
9	105020989	OBD I Adaptor BOX converting cable	1	
10	Y203010270	Double clamp power cord	1	
11		Non-16PIN diagnosis connector		(optional, see table 2-2)

Table 2-2 formulates and summarizes a detailed list of optional non-16PIN connectors.

No.	ERP Code	Name	Qty.	Picture
1	105040062	DBScar, TOYOTA-17 Diagnostic connector	1	
2	105040064	DBScar, TOYOTA-22 Diagnostic connector	1	
3	105040076	DBScar, Mitsubishi-12+16, Hyundai-12+16	1	
4	Y203010556	DBScar, NISSAN-14+16 Diagnostic connector	1	
5	105040060	DBScar, HONDA-3 Diagnostic connector	1	
6	105040063	DBScar, MAZDA-17 Diagnostic connector	1	
7	105040068	DBScar, KIA-20 Diagnostic connector	1	
8	105040085	DBScar, DAIHATSU-4 Diagnostic connector	1	
9	105040072	DBScar, BMW-20 Diagnostic connector	1	
10	105040074	DBScar, GM/VAZ-12 Test connector	1	
11	Y203010554	DBScar, FORD-6+1 Diagnostic connector	1	
12	105040067	DBScar, Chrysler-6 Diagnostic connector	1	

13	105040069	DBScar, SUBARU-9 Diagnostic connector	1	
14	105040059	DBScar, Daewoo-12 Diagnostic connector	1	
15	105040081	DBScar, Universal-3 Diagnostic connector (cable type)	1	
16	105040079	DBScar, FIAT-3 Diagnostic connector (cable type)	1	
17	105040078	DBScar, AUDI-4 Diagnostic connector (cable type)	1	
18	105040082	DBScar, Ssangyong-14 Diagnostic connector (cable type)	1	
19	105040070	DBScar, Ssangyong-20 Diagnostic connector	1	
20	105040083	DBScar, BENZ-14 Diagnostic connector (cable type)	1	
21	105040086	DBScar, CHANG AN-3 Diagnostic connector (cable type)	1	
22	105040065	DBScar, GEELY-22 Diagnostic connector	1	
23	105040084	DBScar, SUZUKI-3 Diagnostic connector (cable type)	1	
24	105040080	DBScar, GAZ Diagnostic connector (cable type)	1	
25	105040092	DBScar, SEDAN-3 Diagnostic connector	1	
26	105040093	DBScar, COMBI-4 Diagnostic connector	1	

3. X-431 PAD Main Unit Parts

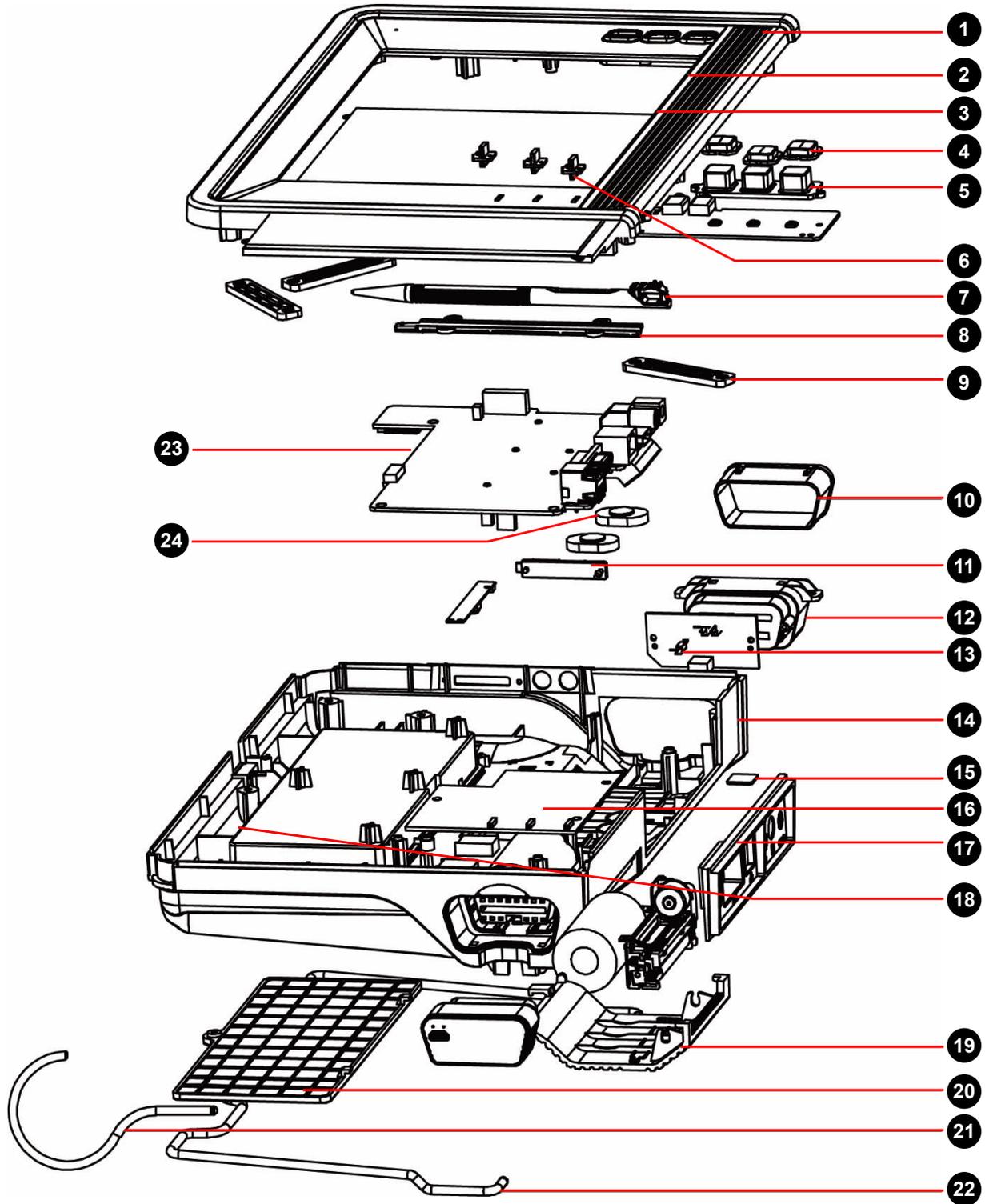


Fig. 3-1 Main Unit Exploded View

Table 3-1 X-431 PAD Main unit Components

No.	ERP Code	Name	Qty.
1	104010875	Upper housing of main unit	1
2	106061785	Long cushion of LCD display	2
3	106061786	Short cushion of LCD display	2
4	104010879	Transparant POWER key	1
	104010878	Transparant SNAPSHOT key	1
	104010880	Transparant HOTKEY key	1
5	104110169	Silica gel button	1
6	104010887	Light pipe	3
7	104010885	Stylus	1
8	104040877	Pressplate for stylus	1
9	104010869	Pressplate for LCD display	1
10	104010884	Protection cover for DBScar connector	4
11	104110170	SD card cover	1
12	104010886	Carriage for DBScar connector	2
13	102160794	Female pin of power supply board	3
14	104010876	Lower housing of main unit	1
15	104010861	Camera lens	1
16	102290017	Printer PCBA	1
17	104010883	Side baffle	1
18	106050046	Dustproof mesh 21*10mm	3
19	104010881	Cover for printer	1
20	104010882	Cover for battery	1
21	103202865	Metal hook	1
22	104010777	Metal support stand	1
23	102290021	PCBA for main unit(hard disk\ memory\fan\cell battery\WIFI included)	1
24	104010863	Built-in horn	1
Other Parts			
1	102290016	PCBA for buttons	1
2	102190162	9.7" touch screen	1
3	102210100	Lithium polymer battery	1
4	104010862	Built-in microphone head	1
5	105020969	12 PIN wire for connecting main unit and printer PCBA	1
6	105020970	WIFI antenna	1
7	105020971	Bluetooth antenna	1
8	105020972	32 PIN wire for connecting main unit and buttons PCBA	1
9	105020973	30PIN wire for connecting touch screen	1
10	105020974	3PIN power cable for connecting main unit and DBScar connector	1

11	105020976	Connecting wire for built-in camera lens (4PIN converting 5PIN)	1
12	104091159	Silkscreen for camera lens	1
13	103250205	3G-II printer stand	1
14	106050044	dustproof mesh 85*17mm	2
15	102260006	Thermal printer engine	1
16	103010182	Cross recessed pan head tapping screws, ST2.2*6	27
17	103010514	Cross recessed pan head tapping screws, ST2.9*8	7
18	103010520	Cross recessed pan head tapping screws, ST2.9*10	8
19	103011057	Cross recessed countersunk head screws, M2*3	2
20	103010565	Cross recessed pan head tapping screws, ST2*5	2
21	103050103	Closing ring	3
22	205010755	PCA for powering up DBScar connector	1
23	103011128	Cross recessed pan head tapping screws, ST1.7*5	6
24	105021007	Grounding shield wire	1
25	101990012	Secondary fan for head dissipation	1
26	202011856	Sponge blow molding box	1
27	106011583	Small package box	1

LAUNCH

www.dbscar.com
www.cnlaunch.com